

Application No. 10/063,973

Amendments to the Claims:

Listing of Claims:

1. (Currently Amended) A flexible imaging member seam treatment article preparation method comprising:

providing a flexible substrate comprising ~~a high-temperature-resistant material~~;
coating a surface of the flexible substrate with a solution including at least one thermoplastic polymer component; and
drying the coated surface to form a film of the at least one polymer component on the coated surface.

2. (Currently Amended) The method of claim 1 further comprising cutting the coated flexible substrate into at least one strip sized to cover the a photoreceptor seam.

3. (Currently Amended) The method of claim 1 wherein providing a flexible substrate comprises providing a web of a ~~high-temperature-resistant~~ material and the method further comprises forming a roll from the dried, coated flexible substrate.

4. (Original) The method of claim 1 wherein providing a flexible substrate comprises providing a metallic substrate.

5. (Original) The method of claim 1 wherein providing a flexible substrate comprises providing a high-glass-transition-temperature flexible polymeric film.

6. (Original) The method of claim 5 wherein providing a high-glass-transition-temperature flexible polymeric film comprises providing a biaxially-oriented PET film.

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7. (Original) The method of claim 1 wherein coating a surface of the flexible substrate comprises providing a solution including a charge transport compound.

8. (Original) The method of claim 7 wherein providing a solution further comprises dissolving a polycarbonate and the charge transport compound in an organic solvent.

9. (Canceled)

10. (Currently Amended) A belt seam treatment strip preparation method comprising:
dissolving a thermoplastic polymer into a solvent;
applying the dissolved thermoplastic polymer to a surface of a ~~high-temperature-resistant~~
flexible substrate; and
eliminating the solvent to form a thermoplastic polymer film on the surface of the substrate.

11. (Original) The method of claim 10 wherein dissolving a thermoplastic polymer into a solvent comprises providing an organic solvent.

12. (Original) The method of claim 10 wherein dissolving a thermoplastic polymer comprises providing at least one of a granular and a powder of a film-forming thermoplastic polymer.

13. (Original) The method of claim 10 wherein eliminating the solvent comprises air drying the coated substrate.

14. (Original) The method of claim 10 wherein eliminating the solvent comprises baking the coated substrate.

15. (Currently Amended) The method of claim 10 wherein applying the dissolved thermoplastic polymer comprises providing a web of ~~high-temperature-resistant~~ flexible substrate.

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16. (Original) The method of claim 10 wherein applying the dissolved thermoplastic polymer comprises providing a high-glass-transition-temperature flexible polymer substrate.

17. (Original) The method of claim 16 wherein providing a high-glass-transition-temperature flexible polymer substrate includes providing a biaxially-oriented PET film.

18. (Original) The method of claim 10 wherein applying the dissolved thermoplastic polymer comprises providing a metallic film.

19. (Original) The method of claim 10 wherein dissolving a thermoplastic polymer comprises providing a charge transport compound.

20. (Original) The method of claim 19 wherein providing a charge transport compound further comprises providing N,N'-diphenyl-N,N'-bis(3-methylphenyl)-1,1'-biphenyl-4,4'-diamine as a charge transport compound.

21. (Original) The method of claim 20 wherein the dissolved thermoplastic polymer comprises a bisphenol-A polycarbonate [of Makrolon]and includes the charge transport compound.

22. (Currently Amended) A flexible imaging belt seam treatment article comprising a ~~high-temperature-resistant~~ flexible substrate supporting a thermoplastic polymer film deposited thereon by dissolution of a film-forming thermoplastic polymer in a carrier solvent, application of a resulting solution to the flexible substrate, and elimination of the carrier solvent.

23. (Currently Amended) The article of claim 22 wherein the ~~high-temperature-resistant~~ flexible substrate comprises a flexible metallic film.

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24. (Currently Amended) The article of claim 22 wherein the ~~high-temperature-resistant~~ flexible substrate comprises a high-glass-transition-temperature polymer sheet.

25. (Original) The article of claim 22 wherein the deposited thermoplastic polymer film comprises a bisphenol-A polycarbonate and a charge transport compound.

26. (Original) The article of claim 25 wherein [the bisphenol-A polycarbonate is Makrolon and]the charge transport compound is N,N'-diphenyl-N,N'-bis(3-methylphenyl)-1,1'-biphenyl-4,4'-diamine.

27. (New) The method of claim 1, further comprising applying the article to a seam of a photoreceptor belt.

28. (New) The method of claim 10, further comprising applying the strip to a seam of a photoreceptor belt.